Reaching the Full Genetic Potential of Every Seed

Each and every individual hybrid seed for a variety have an identical *genetic potential,* but your *yield potential* is impacted by production system and environment the variety is grown in. Understanding your production system, its management, your people, and your environment is critical to maximizing the genetic potential of your plants.

Our data is from a highly-controlled research environment, mixed-light greenhouse with supplemental heat, CO_2 (~800 ppm), VPD ±1. Plants are grown with low-touch, minimal labor cultivation techniques. Photosensitive plants are topped once.

We recommend working with your Phylos account manager to dial in yield potential at your facility.

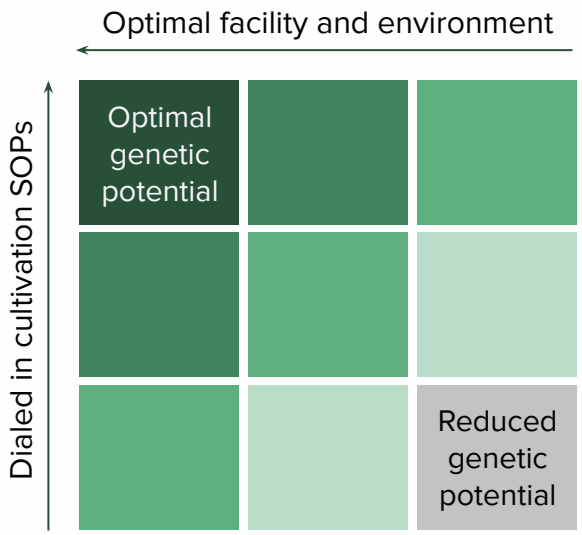
Example variables that could affect yield potential:

Facility and environment

- Outdoor seasonal conditions
- Ability to stabilize and reach target environmental settings
- Supplemental and automated light management (light leaks, black out, shading, and/or ability to optimize DLI)
- Airflow fans, venting, humidity controls, VPD optimization
- Indoor, mixed light, greenhouse, high tunnel or hoop house with roll up sidewalls, outdoor environments

Dialed in cultivation standard operating procedures

- Germination environments and methods (e.g., direct sow versus transplant)
- Horticulture skill, staffing capacity, and growing acumen
- Experience growing cannabis and other crops at scale



The better your environment and the more dialed in your cultivation procedures–the closer you can get to the full genetic potential of each seed.

C097-202301-002